



Installing MacBook Pro 13" Unibody Mid 2009 Dual Hard Drive

Use this guide to install a second hard drive in place of the optical drive.

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INTRODUCTION

There are many benefits to adding a second hard drive to your laptop such as improved speeds, greater storage space, and less heartache when installing new software. Use this guide to install one using our optical bay hard drive enclosure.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)



PARTS:

- [1 TB SSD Hybrid 2.5" Hard Drive](#) (1)

Upgrade Kit

This kit contains the drive and all tools needed.

- [500 GB SSD Hybrid 2.5" Hard Drive](#) (1)

Upgrade Kit

This kit contains the part and all tools needed.

- [Unibody Laptop Dual Drive](#) (1)
- [120 GB OCZ TL100 SSD](#) (1)
- [240 GB OCZ TL100 SSD](#) (1)
- [480 GB OCZ TR150 SSD](#) (1)
- [960 GB OCZ SSD](#) (1)

Step 1 — Lower Case



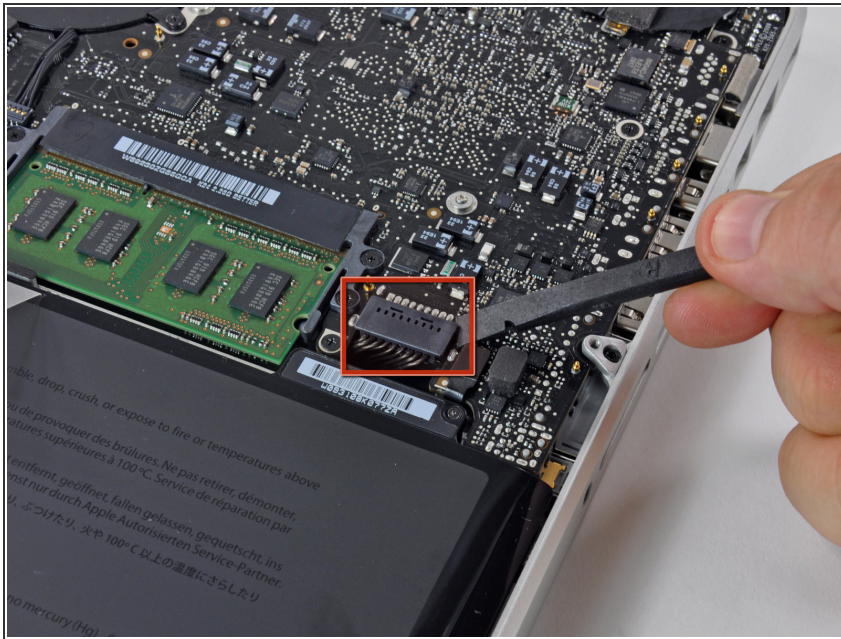
- Remove the following 10 screws securing the lower case to the MacBook Pro 13" Unibody:
 - Seven 3 mm Phillips screws.
 - Three 13.5 mm Phillips screws.


Step 2



- Slightly lift the lower case and push it toward the rear of the computer to free the mounting tabs.

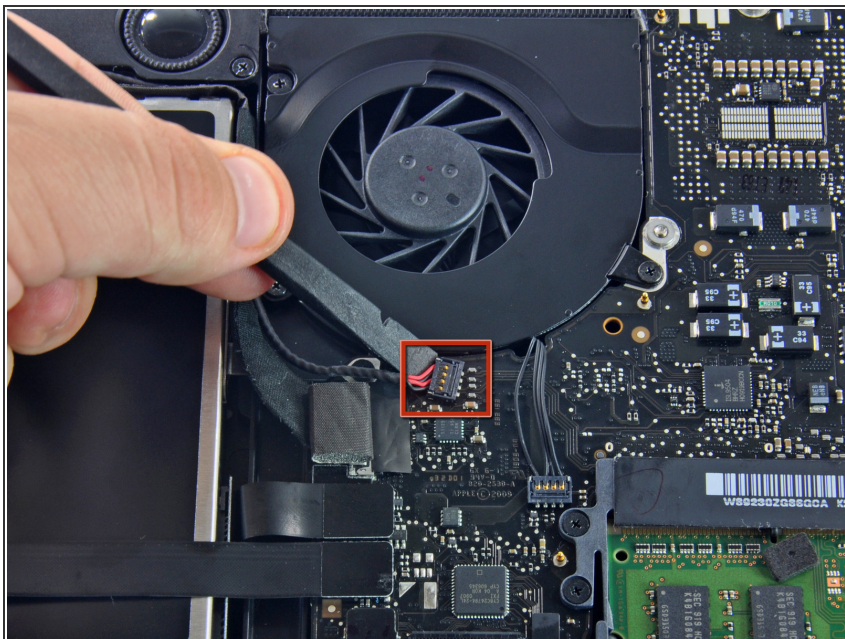
Step 3 — Battery



 For precautionary purposes, we advise that you disconnect the battery connector from the logic board to avoid any electrical discharge.

- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.

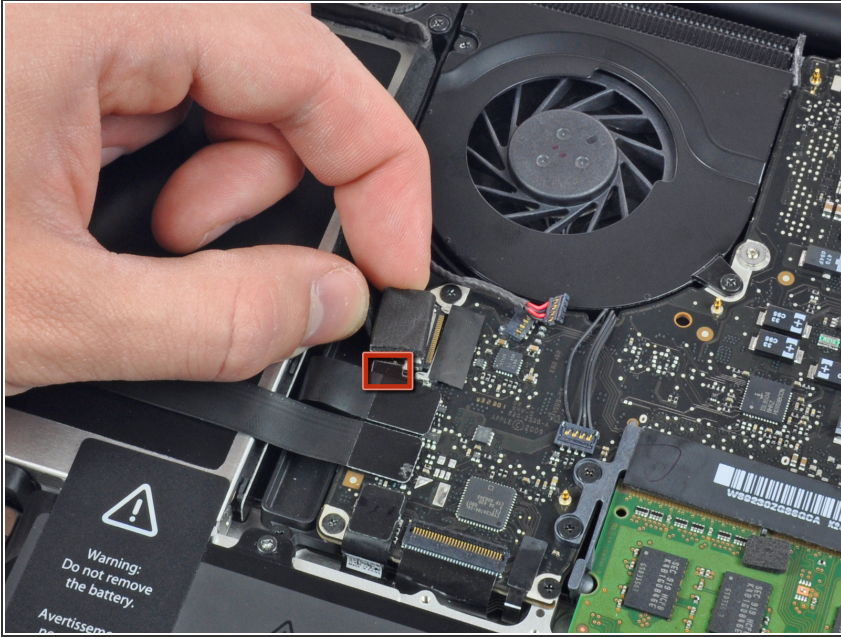
Step 4 — Optical Drive



- Using the flat end of a spudger, pry the right speaker/subwoofer cable connector straight up off the logic board. Be careful not to lift the socket. Pull the connector toward the optical drive.

ⓘ Pry up from beneath the wires.

Step 5

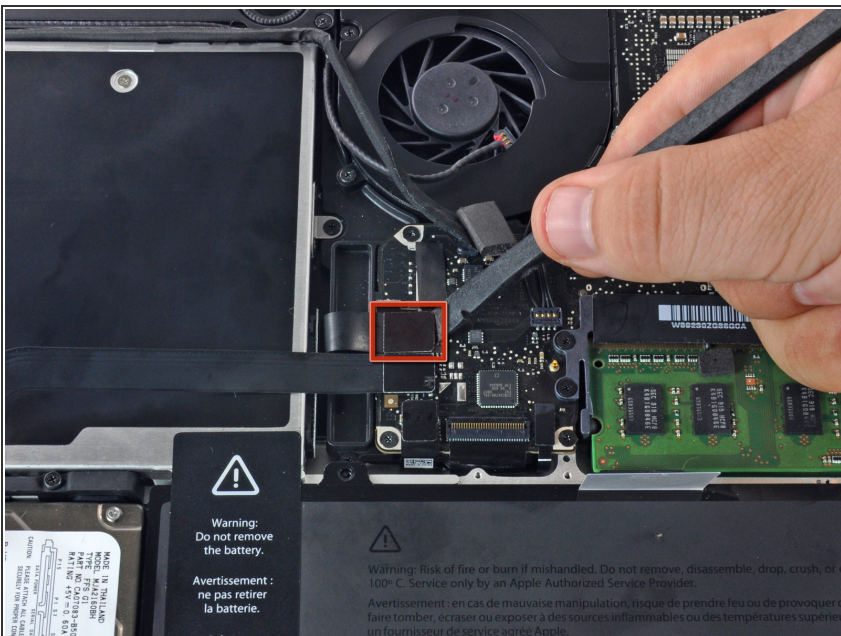


⚠ It will be necessary to slide the small clear plastic cable retainer (boxed in red) glued to the logic board out of the way before disconnecting the camera cable. Be careful not to break any components off the board as you slide it away from the camera cable connector.

- Pull the camera cable connector toward the optical drive to disconnect it from the logic board.

ⓘ This socket is metal and easily bent. Be sure to align the connector with its socket on the logic board before mating the two pieces.

Step 6



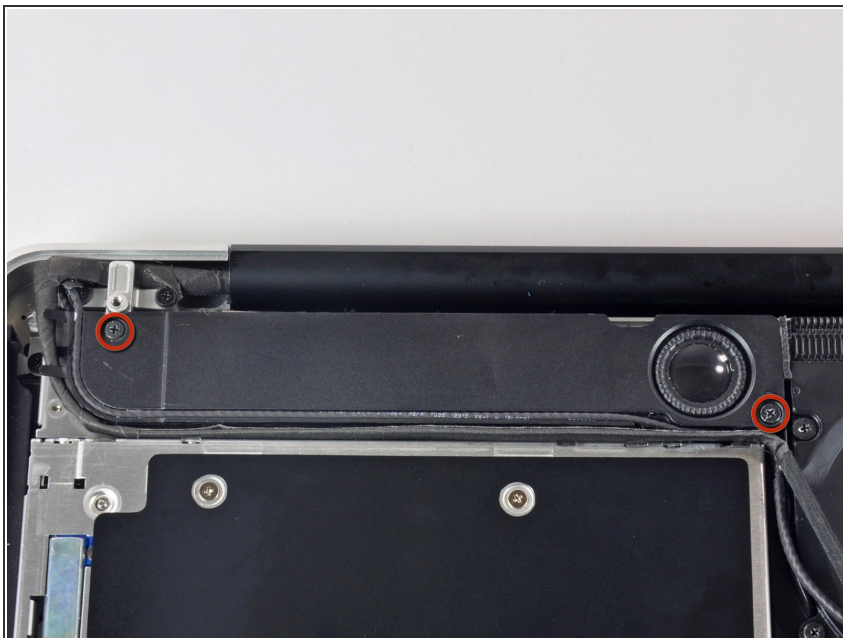
- Use the flat end of a spudger to pry the optical drive connector straight up off the logic board.

Step 7



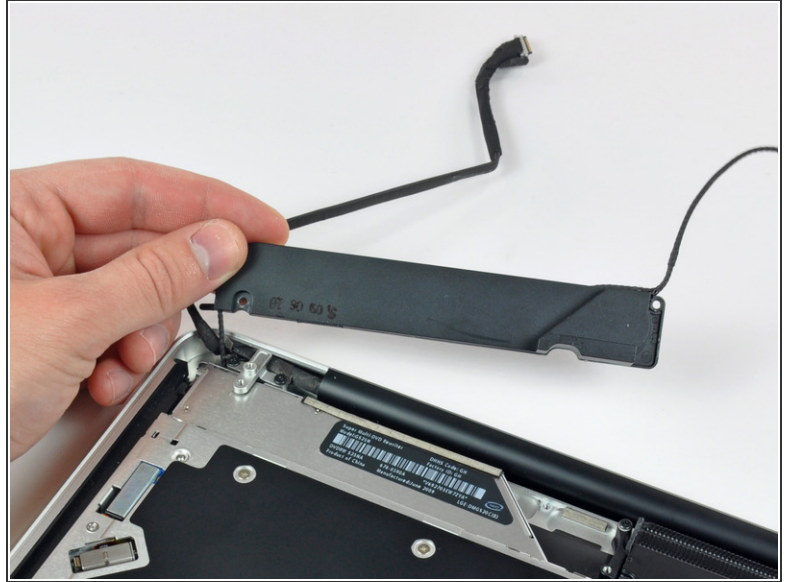
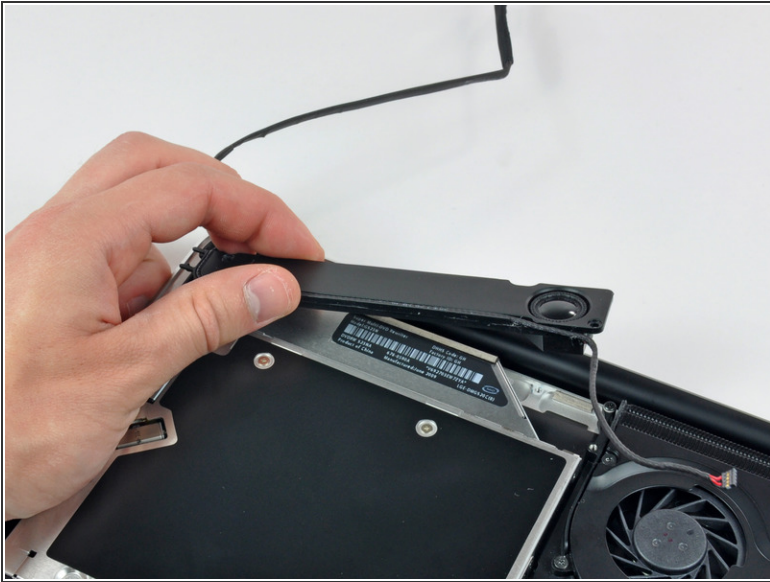
- Use the flat end of a spudger to pry the hard drive connector straight up off the logic board.

Step 8



- Remove the two Phillips screws securing the subwoofer to the upper case. The right one is 5 mm and the left 3.9 mm.
- ☑ The longer of the two screws is on the right.

Step 9



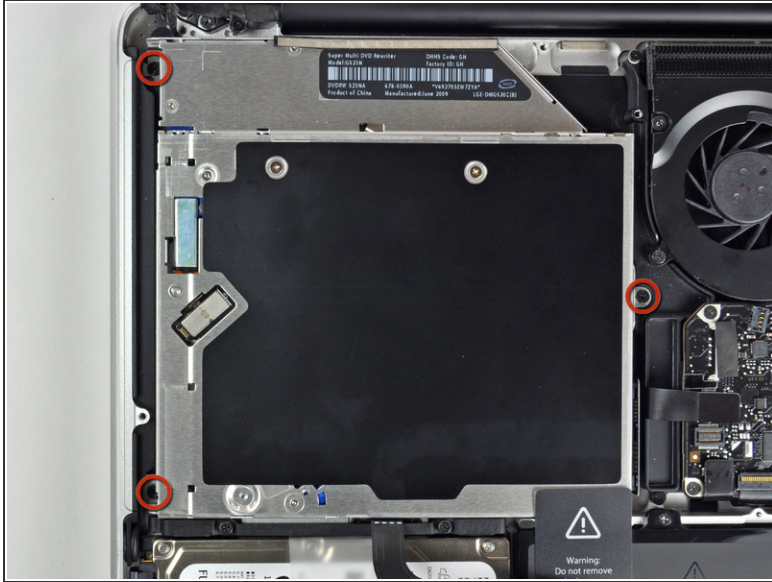
- ☒ The subwoofer is still connected to the right speaker, so don't completely remove it just yet.
- Lift the subwoofer off the optical drive, and set it above the computer.

Step 10



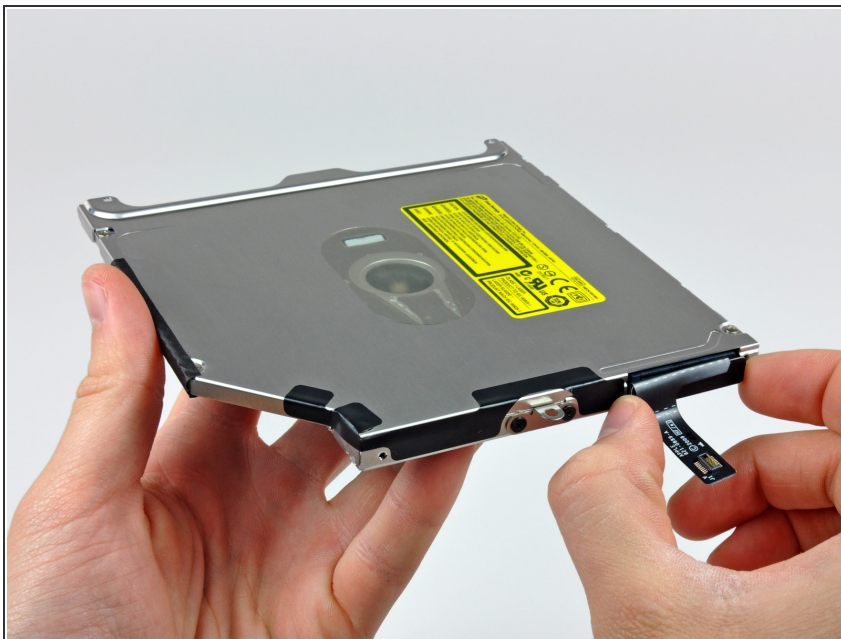
- Remove the two 8.4 mm Phillips screws securing the camera cable bracket to the upper case.
- ⓘ The right screw may remain captive in the camera cable.
- Lift the camera cable bracket out of the upper case.

Step 11



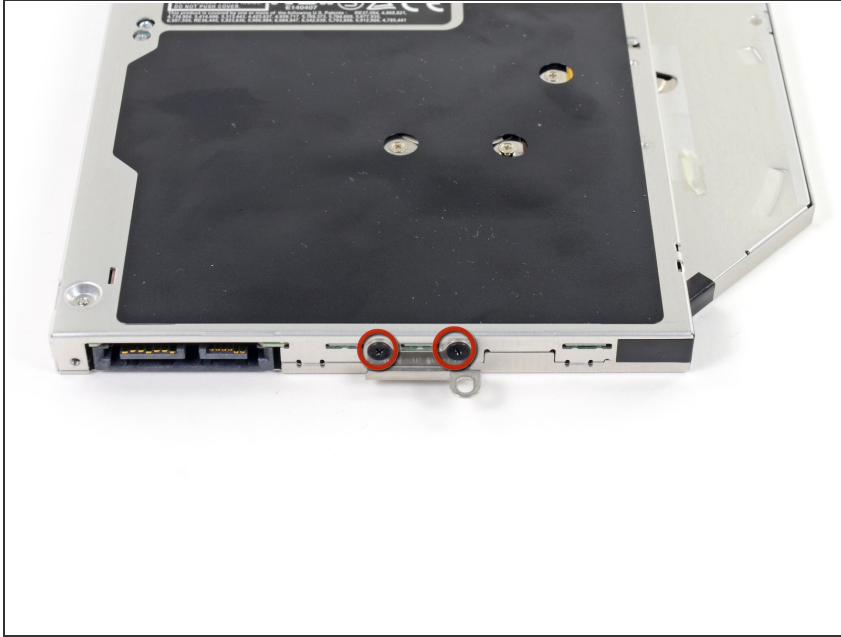
- Remove the three 2.5 mm Phillips screws securing the optical drive to the upper case.
- Lift the optical drive from its right edge and pull it out of the computer.

Step 12 — Optical Drive



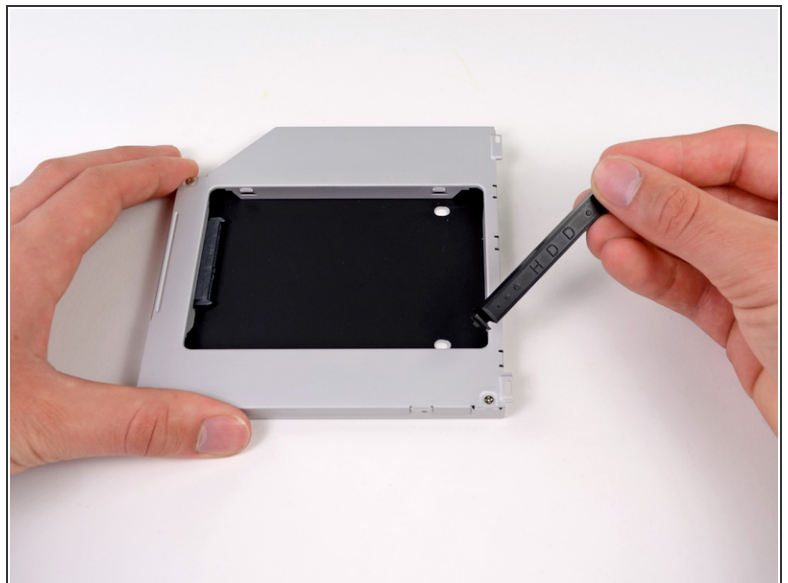
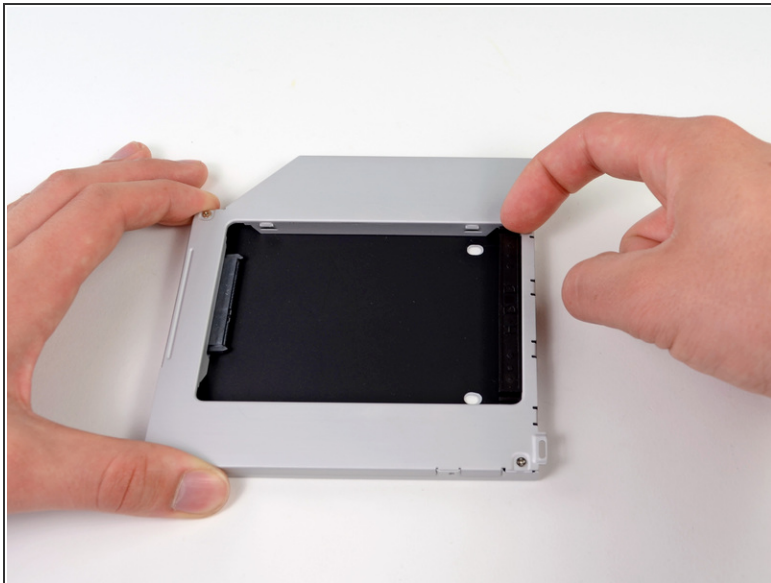
- Remove the optical drive cable by pulling it straight away from the optical drive.
- ⓘ This connector is particularly deep, so be sure to pull away from the drive at the center of the connector.
- ★ If you have a CD or any other object jammed in your optical drive, we have an [optical drive repair guide](#).

Step 13



- Remove the two black Phillips #0 screws securing the small metal mounting bracket. Transfer this bracket to your new optical drive or [hard drive enclosure](#).

Step 14 — Dual Hard Drive



- Remove the plastic spacer from the optical bay hard drive enclosure by pressing in on one of the clips on either side and lifting it up and out of the enclosure.

Step 15



- Make sure that the hard drive connectors are facing down before placing it into the enclosure.
- Gently place the hard drive into the enclosure's hard drive slot.
- While firmly holding the enclosure in place with one hand, use your other hand to press the hard drive into the enclosure connectors.

Step 16



- Once the hard drive is snug, reinsert the plastic spacer while holding the hard drive against the bottom of the enclosure.

Step 17



- Use two Phillips #1 screws to secure the drive to its enclosure.

Step 18



- Attach the optical drive bracket to the new enclosure with two Phillips #0 screws.
- Reconnect any cables you have removed from the original optical drive onto the optical bay enclosure.

Step 19



i Don't ditch that drive! You can still use your optical drive externally with the help of our [SATA Optical Drive USB Cable](#).

- Align the cable's SATA connector with the drive's port and plug in securely.
- Plug the USB connector into your laptop and your optical drive is ready for use.

To reassemble your device, follow these instructions in reverse order.

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